



Oxygen and life support

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## ACCESSORIES



289-601 Series • 289-701 Series  
289-801 Series



5020-01

| Accessories             | Part No.                                           | Description                                                                                                                       |
|-------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Filler Coupling         | 5020-01                                            | Filler coupling connects unit with standard source of oxygen for refilling.                                                       |
| Airline Passenger Masks | 289-601 Series<br>289-701 Series<br>289-801 Series | Passenger masks for airline and executive aircraft.                                                                               |
| Bracket Assembly        | 36758-11<br>Cradle<br>36758-12<br>Latch Lock       | Lightweight assembly designed to secure 4.25 to 11.0 cu. ft. portable oxygen cylinders. (Others available – contact AVOX Systems) |

## WARNING

IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

THIS EQUIPMENT IS INTENDED TO BE USED ONLY FOR AVIATION APPLICATIONS AND IS TO BE USED ONLY BY, OR UNDER THE SUPERVISION OF, A PILOT OR CREW MEMBER TRAINED AND QUALIFIED IN ITS USE.

THIS EQUIPMENT IS TO BE SERVICED ONLY IN ACCORDANCE WITH THE APPLICABLE COMPONENT MAINTENANCE MANUAL AVAILABLE FROM AVOX

SYSTEMS AND ONLY BY SERVICE TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT.

THE NAMES OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OR YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR. THIS EQUIPMENT SHALL BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN MEETING THE REQUIREMENTS OF MIL-PRF-27210.



AVOX Systems

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AVOX Systems



SAE AS9100

## 894 Series Portable Oxygen System



The AVOX Systems 894 Series Portable provides a regulated 70 +/- 10 psig outlet pressure of oxygen from high pressure oxygen in a DOT approved steel or Kevlar® composite cylinder. This portable will supply oxygen in conjunction with a mask-mounted demand regulator for crew member use.

This assembly can be purchased with or without AVOX Systems 289 Series TSO C64a mask assemblies. This unit can also be configured to supply constant flow oxygen to one or two crew members and/or passengers for supplementary or first aid use.

The AVOX Systems 894 Series Portable can be configured with DOT approved cylinders in a size range of 7.15 to 40 cubic foot capacities to meet a wide range of your oxygen supply or mission needs.

AIRCRAFT SYSTEMS SEGMENT

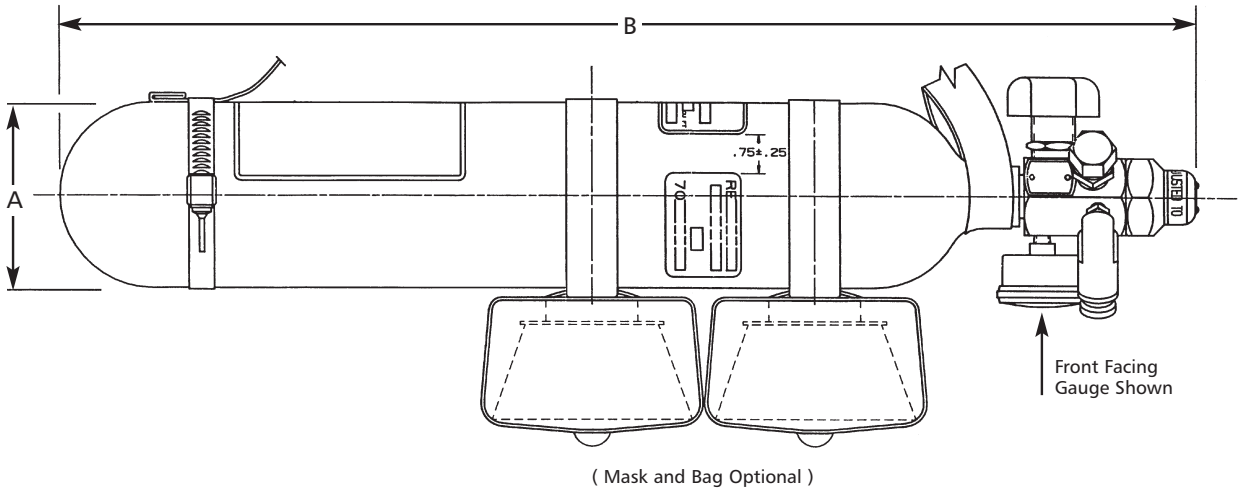
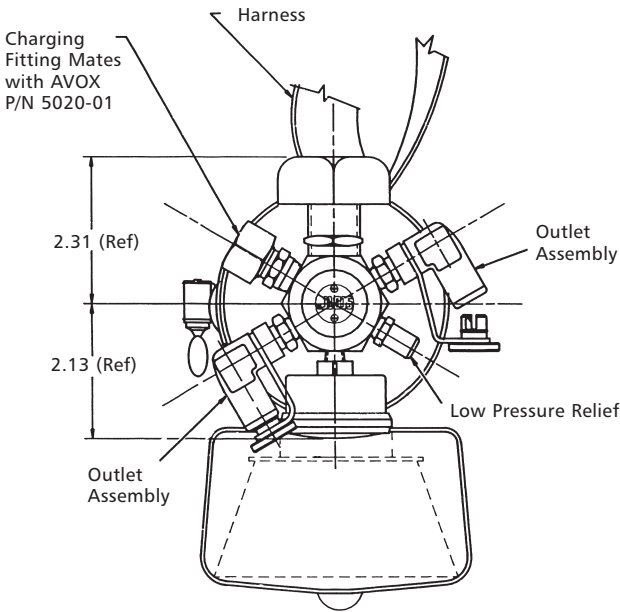
894 Series

Portable Oxygen System

OUTSTANDING FEATURES

- DOT 3AA-1800 rated steel oxygen cylinders ranging from 7.15 to 22 cubic foot capacities
- DOT E-8162-1850 rated Kevlar® composite cylinder with 40 cubic foot capacity
- One or two flow outlets
- Low pressure relief valve protection for the regulated outlet supply
- High pressure safety relief device
- Pressure gauge to indicate level of cylinder supply
- Cylinder mounted regulator
- Sling type carry strap

| Dimensions                                                                         |                                               |           |           |
|------------------------------------------------------------------------------------|-----------------------------------------------|-----------|-----------|
| Cylinder Capacity<br>cu. ft. (liters)                                              | Weight Charged<br>(Cylinder & Regulator Only) | Dim.<br>A | Dim.<br>B |
| 7.15 (202)                                                                         | 7.19 lbs. / 3.26 kg                           | 3-9/16    | 17.10     |
| 11.0 (311)                                                                         | 9.50 lbs. / 4.31 kg                           | 3-9/16    | 22.60     |
| 22.0 (623)                                                                         | 15.32 lbs. / 6.95 kg                          | 5-1/4     | 22.60     |
| 39.9 (1130)*                                                                       | 12.12 lbs. / 5.50 kg                          | 6-11/16   | 24.40     |
| *Composite cylinders DOT E-8162-1850      NOTE: All dimensions above are in inches |                                               |           |           |



Basic Number 894 – 

0

0

| Cylinder and Regulator Configurations |                                                                                               | Outlet Assembly Configurations |                                                                                                                       | Mask & Bag Assembly Configurations |                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2                                     | <b>5500R6A</b><br>11 cu. ft. 3AA-1800 cylinder<br>Has a "side" facing gauge                   | 2                              | <b>802863-04 Outlet (2 each)</b><br>Use with Mask & Bag Config. 2<br>Mates with 802039 & 802627 Connectors            | 0                                  | <b>None</b>                                                                                                                                                                                                                                                                                                                                                                                               |
| 3                                     | <b>5500C6A</b><br>11 cu. ft. 3AA-1800 cylinder<br>Has a "front" facing gauge                  | 3                              | <b>802959-01 Outlet (2 each)</b><br>Use with Mask & Bag Config. 3<br>Mates with 36857, 802958 & DMZ series connectors | 2                                  | <b>802876-01 Mask &amp; Bag Assembly (2 each)</b><br>Mates with Outlet Config. 2<br>Each assembly is made up of: <ul style="list-style-type: none"><li>• 1 ea. 289-601-211-2 mask</li><li>• 1 ea. 802039-04 metered connector</li><li>• 1 ea. 801809-01 bag</li><li>• 1 ea. 36879-01 fastener, velstrap</li></ul>                                                                                         |
| 4                                     | <b>5500B6A</b><br>7.15 cu. ft. 3AA-1800 cylinder<br>Has a "front" facing gauge                | 4                              | <b>36728-01 Outlet (1 each)</b><br>Use with Mask & Bag Config. 3<br>Mates with 36857, 802958 & DMZ series connectors  | 3                                  | <b>802876-02 Mask &amp; Bag Assembly</b><br>Mates with Outlet Config. 3 or 4<br>Outlet Config. 3 with 2 each mask assembly<br>Outlet Config. 4 with 1 each mask assembly<br>Each assembly is made up of: <ul style="list-style-type: none"><li>• 1 ea. 289-601-211-2 mask</li><li>• 1 ea. 802958-01 metered connector</li><li>• 1 ea. 801809-01 bag</li><li>• 1 ea. 36879-01 fastener, velstrap</li></ul> |
| 5                                     | <b>5500D6A</b><br>22.0 cu. ft. 3AA-1800 cylinder<br>Has a "front" facing gauge                |                                |                                                                                                                       |                                    |                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6                                     | <b>5500V2X</b><br>40 cu. ft. composite DOT E-8162-1850 cylinder<br>Has a "front" facing gauge |                                |                                                                                                                       |                                    |                                                                                                                                                                                                                                                                                                                                                                                                           |

ORDERING INFORMATION

The 894 designation is a basic model. The chart above illustrates the combinations that are currently available. To order, fill in the necessary building block numbers needed to indicate the complete part number of the configuration you want.

Other sizes and configurations not listed are being added and may also be available. If you do not see the size you need, contact AVOX Systems or your local AVOX Systems authorized distributor for additional solutions.

For further information regarding cylinders, outlets, masks, etc., see the appropriate AVOX Systems catalog sheet.